

# INTERNATIONAL SEARCH REPORT

International Application No

...T/IT2004/000375

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C43/205 C07C205/37 C07C217/84 C07F9/09 A61K31/09  
A61K31/136 A61K31/661 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312831 retrieved from Xfire Database accession no. 4786976, 5481071 abstract & J. MED. CHEM., vol. 35, no. 12, 1992, pages 2293-2306, -----	1, 10-19
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312832 retrieved from Xfire Database accession no. 7965335 abstract  -/--	1, 2, 10-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

10 March 2005

Date of mailing of the international search report

01/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Cooper, S

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	& J. NAT. PROD., vol. 63, no. 7, 2000, pages 969-974, ----- DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312833 retrieved from XFIRE Database accession no. 8117589, 8118732 abstract & BIOORG. MED. CHEM., vol. 8, no. 10, 2000, pages 2417-2426, -----	1,10-19
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312834 retrieved from XFIRE Database accession no. 8124459 abstract & BIOORG. MED. CHEM. LETT., vol. 8, no. 23, 1998, pages 3371-3374, -----	1,10-19
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312835 retrieved from XFIRE Database accession no. 9492677, 9495375, 9493830 abstract & J. MED. CHEM., vol. 46, no. 16, 2003, pages 3546-3554, -----	1,10-19
X	WO 02/50007 A (CANCER RES VENTURES LTD ; HADFIELD JOHN ANTHONY (GB); HEPWORTH LUCY AN) 27 June 2002 (2002-06-27) Entry CA4 (15) in Tables 12 and 13 on p.59; claims 1,19,20; page 2, line 12 - page 3, line 21 -----	1,2, 10-19
X	EP 0 731 085 A (AJINOMOTO KK) 11 September 1996 (1996-09-11) Page 2, line 38 - page 3, line 15; pages 17 and 18; claims 1,9 -----	1-3, 10-19
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312836 retrieved from XFIRE Database accession no. 8149397 abstract & BULL. CHEM. SOC. JPN., vol. 71, no. 12, 1998, pages 2903-2922, -----	1,5

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312837 retrieved from XFIRE Database accession no. 8553653, 7411913 abstract & HELV. CHIM. ACTA, vol. 82, no. 12, 1999, pages 2231-2239, -----	1
X	HOU-JEN TSAI: "Synthesis of Phenyl Substituted Fluoro-Olefins" TETRAHEDRON LETTERS, vol. 37, no. 5, 1996, pages 629-632, XP002312830 Entry 6j in table 1 on p.631 -----	1,2
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312838 retrieved from XFIRE Database accession no. 2625400 abstract & J. HETEROCYCL. CHEM., vol. 3, no. 3, 1966, pages 247-251, -----	1
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002312839 retrieved from XFIRE Database accession no. 5868843 abstract & CHEM. PHARM. BULL., vol. 40, no. 10, 1992, pages 2842-2844, -----	1

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International application No.  
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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
**Although claims 11,15 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.**
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0250007	A	27-06-2002	AU 1622802 A	01-07-2002
			CA 2432640 A1	27-06-2002
			EP 1351912 A2	15-10-2003
			WO 0250007 A2	27-06-2002
			US 2004152629 A1	05-08-2004
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			CA 2171275 A1	08-09-1996
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			DE 69604714 D1	25-11-1999
			DE 69604714 T2	15-06-2000
			DK 731085 T3	17-04-2000
			EP 0731085 A1	11-09-1996
			ES 2137628 T3	16-12-1999
			GR 3032311 T3	27-04-2000
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			JP 8301831 A	19-11-1996
			PT 731085 T	28-04-2000
			US 5674906 A	07-10-1997
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